Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013335.D
Acq On : 25 Oct 2019 00:06
Operator : SY/MD
Sample : K5462-20
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 25 05:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : H0G24

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	396099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	430200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226039	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	152057	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.58	69	127387	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.13	63	186352	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	3.93	46	326227	58.17	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.34%			
24) Chloroform-d	4.40	84	323404	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.08	65	155193	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.10	84	658130	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.12	67	200607	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.36	98	522757	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	7.66	79	56615	3.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.40%			
46) 2-Hexanone-d5	8.13	63	205171	36.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.60%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140899	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	228810	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	163010	4.264	ug/L	99
8) Chloroethane	1.60	64	4689	0.206	ug/L	91
17) Methyl tert-butyl Ether	2.79	73	20135514m	279.178	ug/L	
18) trans-1,2-Dichloroethene	2.79	96	52057	1.418	ug/L	92
19) 1,1-Dichloroethane	3.23	63	127442	2.136	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	30101	0.766	ug/L #	91
33) Benzene	5.15	78	128062	0.780	ug/L	100
34) Trichloroethene	5.96	95	5281	0.120	ug/L	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
ClientSampleId :
H0G24

Manual Integrations APPROVED
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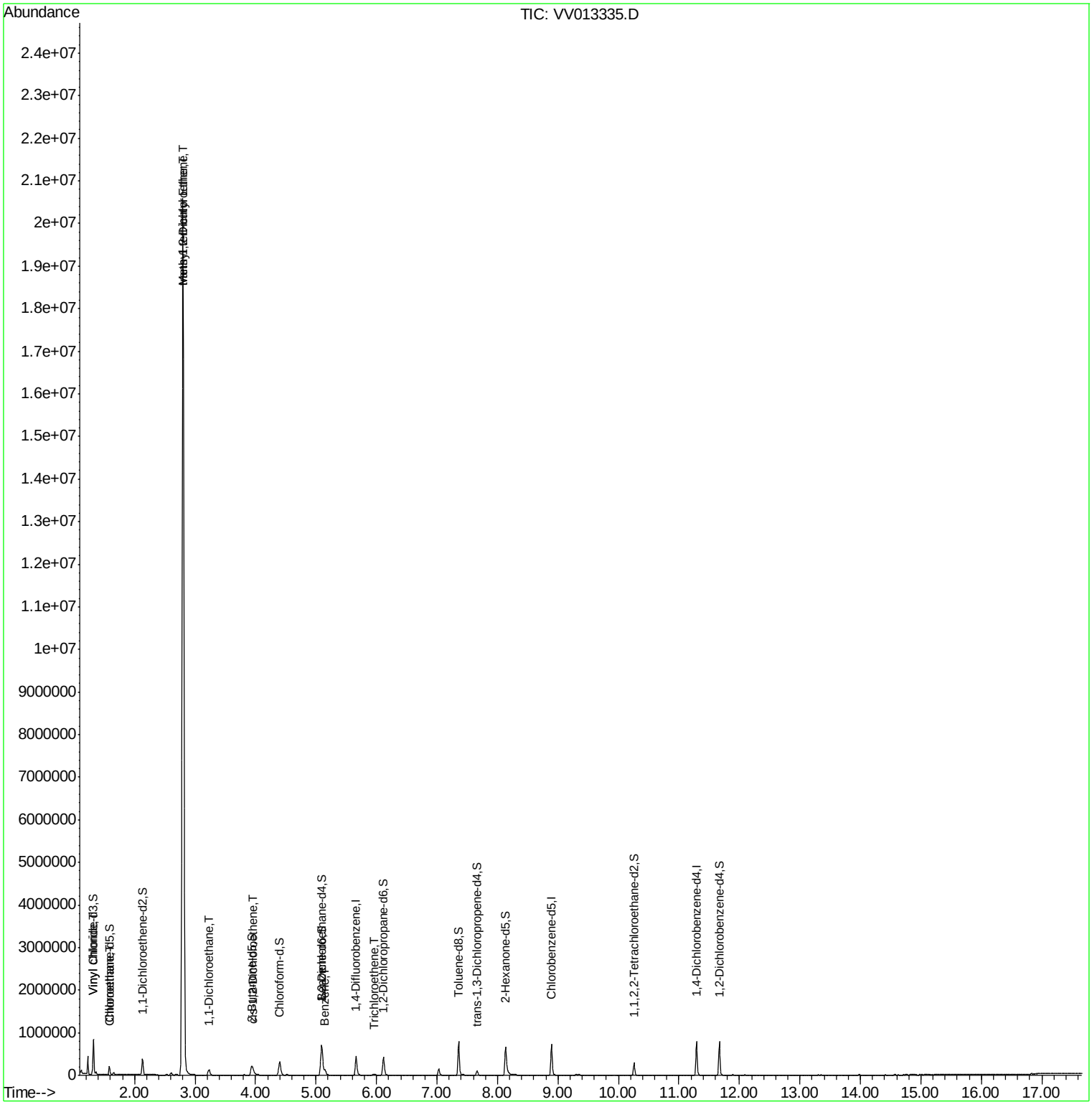
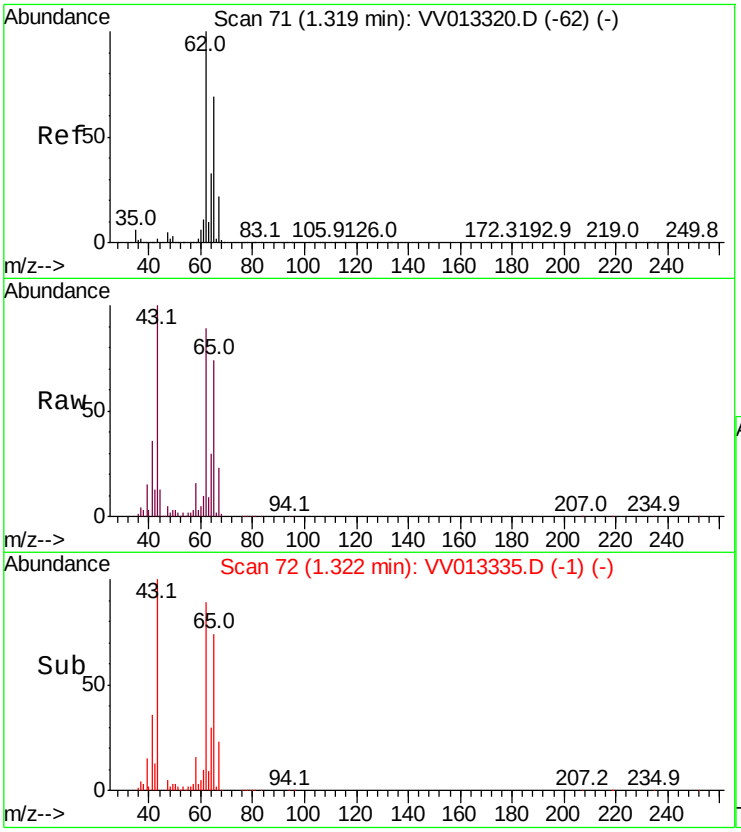
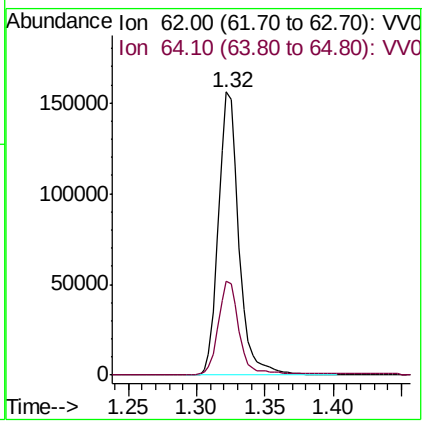




#5
Vinyl chloride
Concen: 4.264 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 62 Resp: 163010

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.9	42.5



Instrument :
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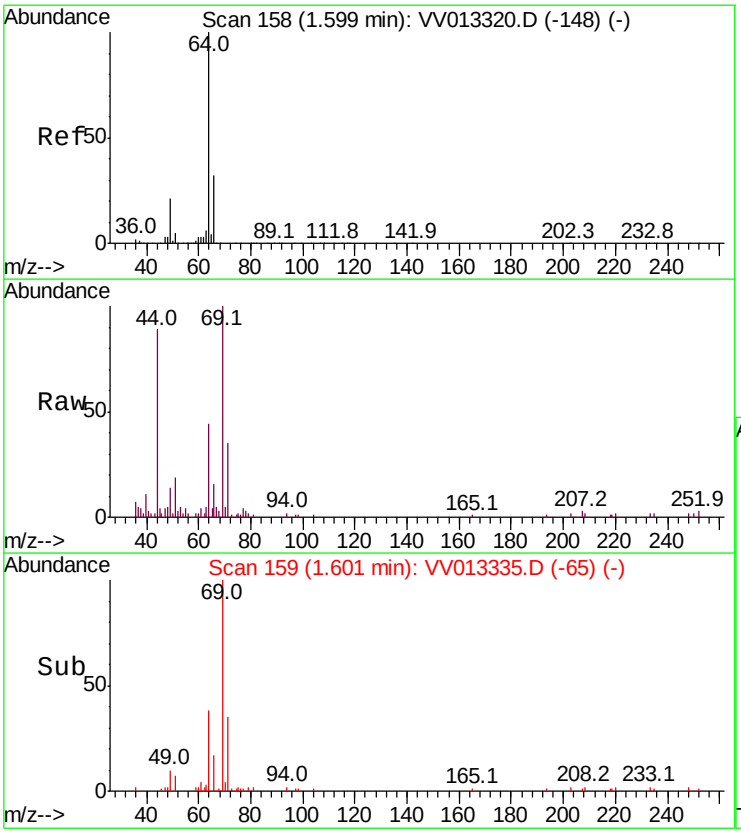
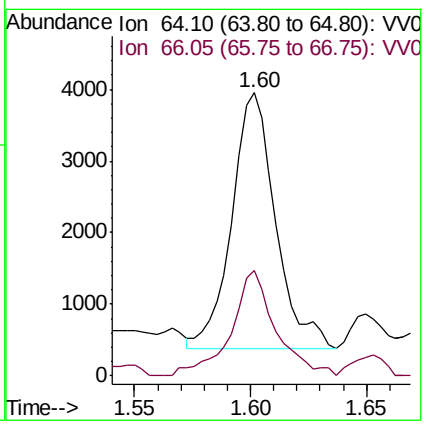
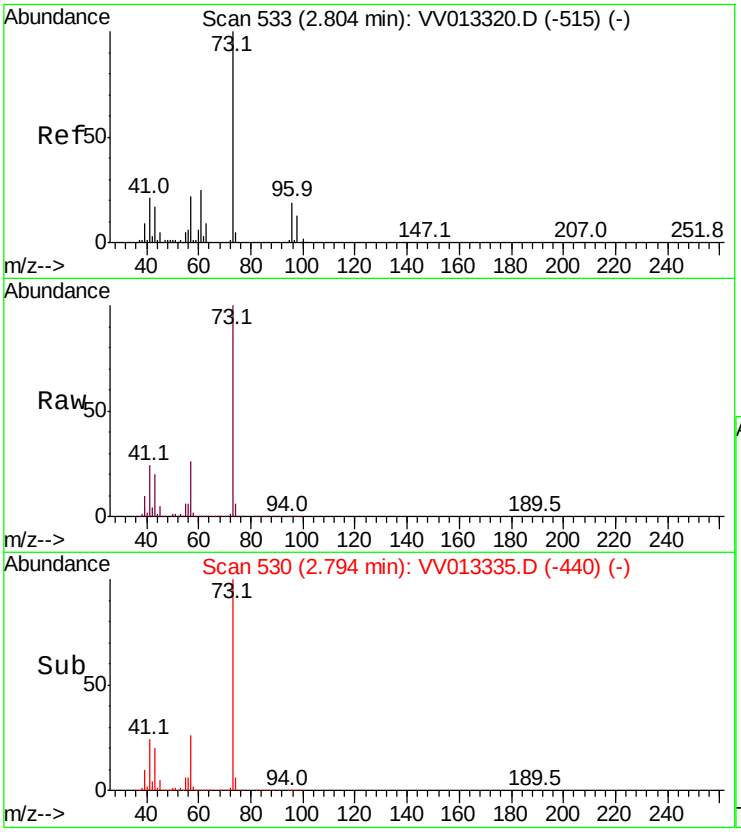


#8
Chloroethane
Concen: 0.206 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 64 Resp: 4689

Ion	Ratio	Lower	Upper
64	100		
66	37.4	22.7	42.3

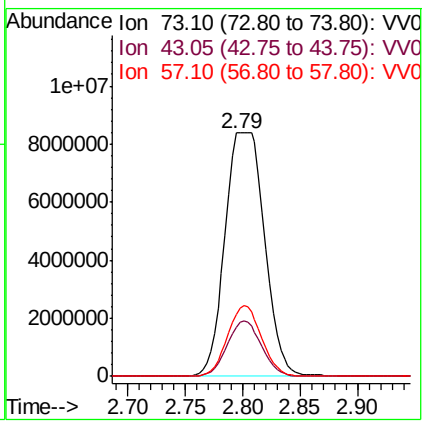




#17
Methyl tert-butyl Ether
Concen: 279.178 ug/L m
RT: 2.79 min Scan# 530
Delta R.T. -0.01 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 73 Resp:20135514

Ion	Ratio	Lower	Upper
73	100		
43	0.0	13.1	19.7#
57	0.0	16.4	24.6#



Instrument :
MSVOA_V
ClientSampleId :
H0G24

Manual Integrations APPROVED
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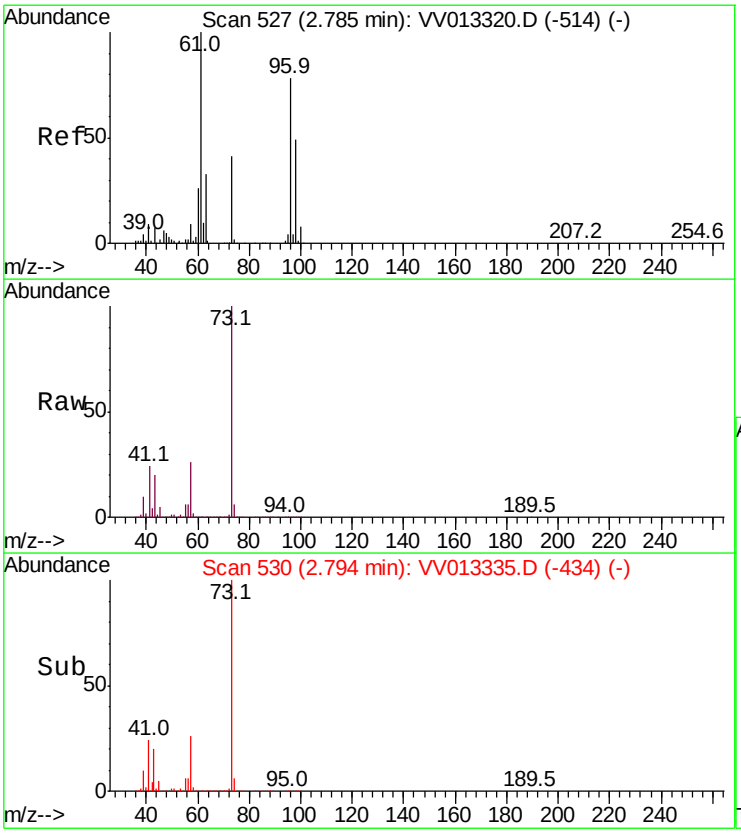
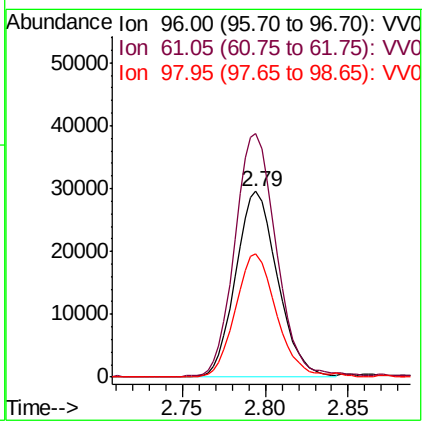
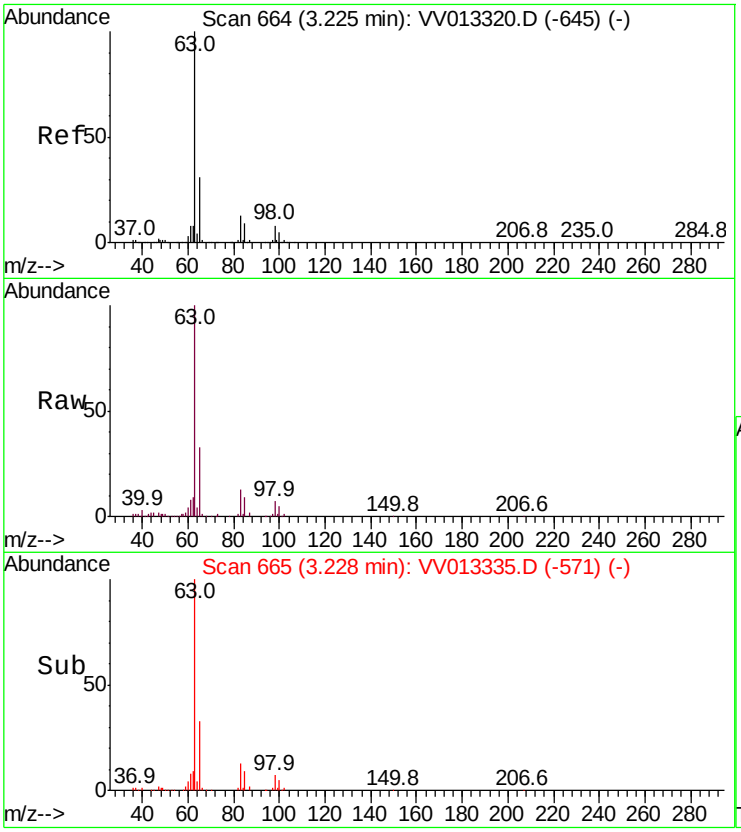


#18
trans-1,2-Dichloroethene
Concen: 1.418 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 96 Resp: 52057

Ion	Ratio	Lower	Upper
96	100		
61	131.3	84.4	156.8
98	66.4	44.4	82.4

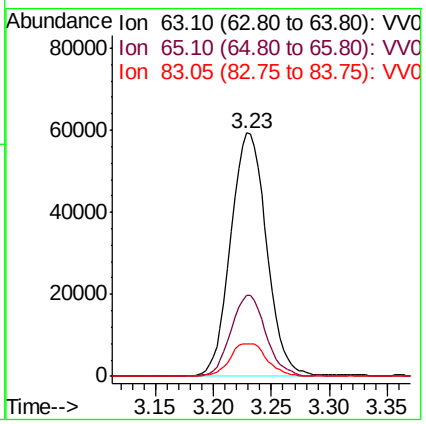




#19
1,1-Dichloroethane
Concen: 2.136 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 63 Resp: 127442

Ion	Ratio	Lower	Upper
63	100		
65	33.3	23.0	42.8
83	13.2	10.2	19.0



Instrument :
MSVOA_V
ClientSampleId :
H0G24

Manual Integrations APPROVED
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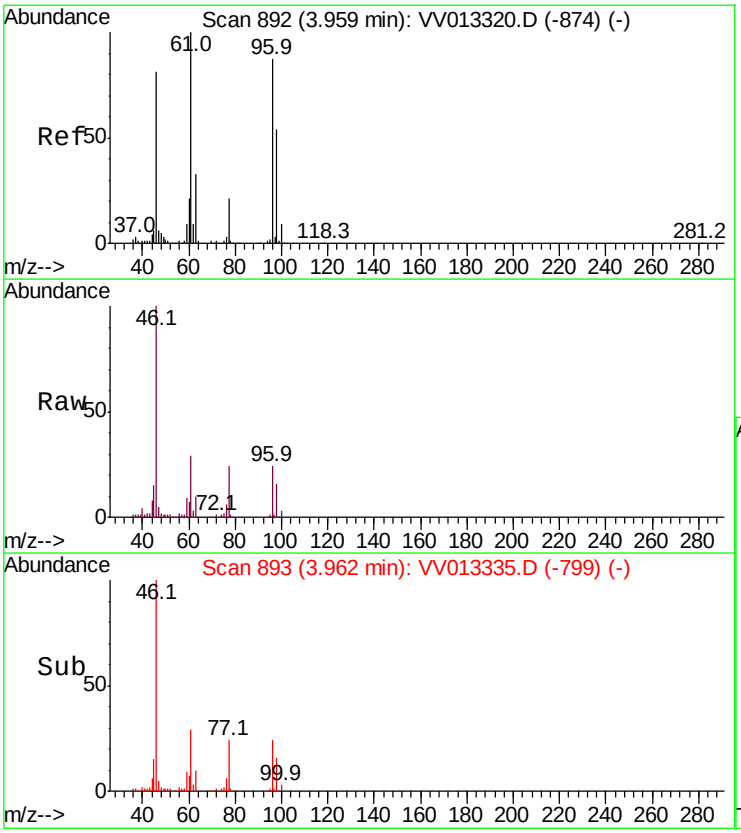
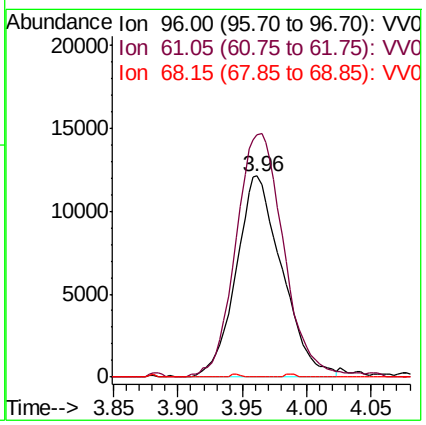
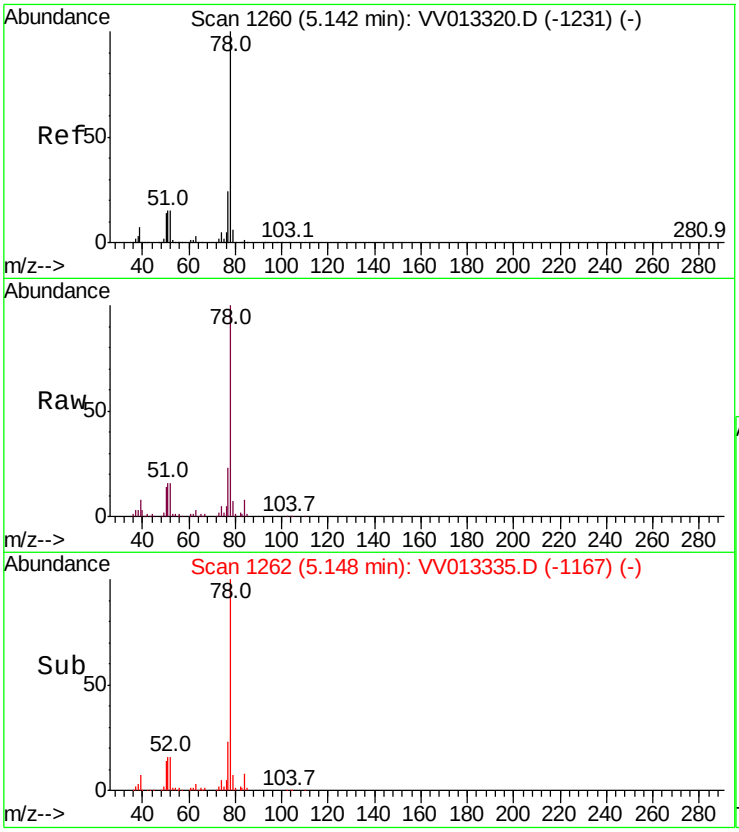


#22
cis-1,2-Dichloroethene
Concen: 0.766 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 96 Resp: 30101

Ion	Ratio	Lower	Upper
96	100		
61	120.3	77.3	143.7
68	0.0	0.1	0.1#





#33
Benzene
Concen: 0.780 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 78 Resp: 128062

Instrument :
MSVOA_V
ClientSampleId :
H0G24

Manual Integrations APPROVED
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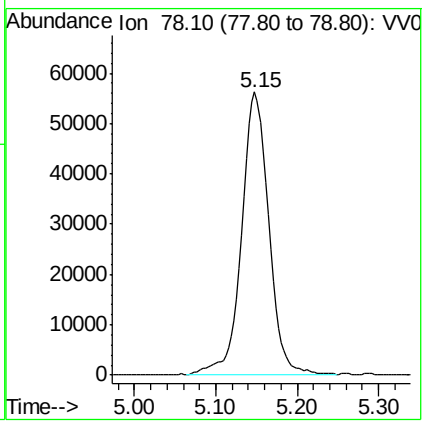
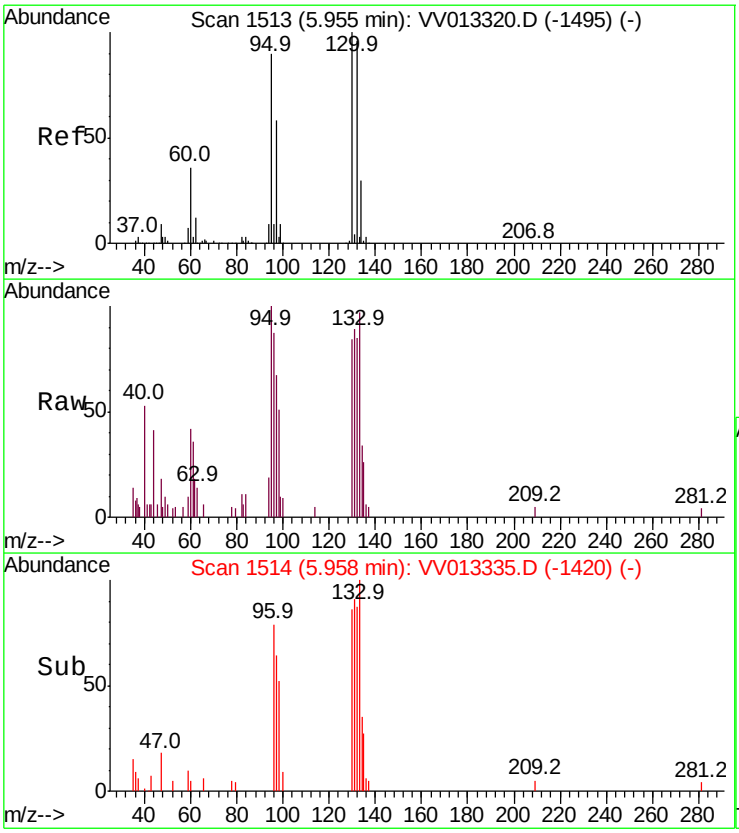
10/26/2019 10:04:20 AM





#34
Trichloroethene
Concen: 0.120 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013335.D
Acq: 25 Oct 2019 00:06

Tgt Ion: 95 Resp: 5281

Ion	Ratio	Lower	Upper
95	100		
97	67.2	45.2	84.0
132	84.6	70.6	131.2
130	83.8	75.5	140.3